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| Table 1. Her-2/neu peptides used for immunization |                |            |            |                |              |
|---|----------------|------------|------------|----------------|--------------|
| PEPTIDE   |                | SEQUENCE # | SEQUENCE   | IMMUNOGENICITY | % INHIBITION |
| H3  | (SEQ ID NO:47) | 369-377    | KIFGSLAFL  | +              | 38           |
| H6  | (SEQ ID NO:48) | 444-453    | TLQGLGISWL | -              | 56           |
| H7  | (SEQ ID NO:49) | 773-782    | VMAGVGSPYV | +              | 55           |
| H8  | (SEQ ID NO:50) | 546-555    | VLQGLPREYV | -              | 43           |
| H12   | (SEQ ID NO:51) | 48-56      | HLVQGOQW   | -              | 15           |
| H13   | (SEQ ID NO:52) | 689-697    | RLLQETELV  | -              | 56           |
| H14   | (SEQ ID NO:53) | 747-755    | KIPVAIKVL  | -              | 35           |
| H15   | (SEQ ID NO:54) | 789-797    | CLTSTVQLV  | -              | 33           |
| H16   | (SEQ ID NO:55) | 799-807    | QLMPYGCLL  | -              | 50           |
| H17   | (SEQ ID NO:56) | 851-859    | VLVKSPNHV  | -              | 12           |
| H18   | (SEQ ID NO:57) | 871-879    | DIDETEYHA  | -              | 37           |
| H19   | (SEQ ID NO:58) | 933-941    | DLLEKGERL  | -              | 36           |
| H20   | (SEQ ID NO:59) | 971-979    | ELVSEFSRM  | -              | 5            |
| H21   | (SEQ ID NO:60) | 971-980    | ELVSEFSRMA | -              | 25           |
| H22   | (SEQ ID NO:61) | 972-980    | LVSEFSRMA  | -              | 14           |
| H23   | (SEQ ID NO:62) | 1016-1024  | DLVDAEEYL  | -              | 35           |
| H24   | (SEQ ID NO:63) | 1172-1180  | TLSPGKNGV  | -              | 57           |
| HIV-9K  | (SEQ ID NO:64) | POL        | KLVGKLNWA  | +              | 80           |

**In the claims:**

**Please replace present claim 12 with the following claim 12:**

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12. The nucleic acid molecule of claim 11 wherein said flexible linker is of the formula (Gly<sub>4</sub>Ser<sub>3</sub>)<sub>3</sub> (SEQ ID NO:65).